

Claims

1. A guide bend segment for a modular conveyor chain, comprising a profile from plastic material with a substantially flat upper side extending along an axis proceeding in a curved manner, with a guide face in which at least one guide is formed for guiding the modules of a modular conveyor chain,
5 in which profile, adjacent the guide, magnets are included for pulling body parts of successive modules of the chain to be guided against the upper side through cooperation with hinge pins of the modular conveyor chain,
characterized in that the at least one guide comprises two grooves proceeding in the longitudinal direction of the profile, so that, adjacent the guide face at
10 the location of the guide, the profile has a substantially E-shaped cross section with a central projection located between the grooves and legs located outside the grooves on an inside bend side and an outside bend side of the projection, respectively, and that in the legs, magnets are included.
2. A guide bend segment according to claim 1, wherein the magnets
15 reach adjacent the guide face.
3. A guide bend segment according to any one of the preceding claims, wherein the magnets are connected by means of a closing plate.
4. A guide bend segment according to any one of the preceding claims, wherein the magnets are detachably connected to the guide bend segment.
- 20 5. A guide bend segment according to any one of the preceding claims, wherein the profile is composed of several profile parts.
6. A guide bend segment according to any one of the preceding claims, wherein the guide bend segment is provided with a run-in and/or run-out part running straight.
- 25 7. A guide bend segment according to any one of the preceding claims, wherein, on an outside bend side, the central projection is provided with a side

face proceeding in an inwardly converging manner from the upper side of the profile towards the base.

8. An assembly of a guide bend according to any one of the preceding claims and a modular conveyor chain, comprising a series of successive modules from plastic material which are hingedly coupled with the aid of hinge pins from magnetizable material, and of which modules each is provided with a sheet-shaped body part with a conveying face located at an upper side of the body part, with hinge holes included in the sheet of the body part between upper and under side and with two projections provided at an underside of the body part, wherein sliding faces located at sides facing each other of the projections together with a sliding face located between the projections at the underside of the body part, form a longitudinal guide with substantially U-shaped cross-section, and wherein the projections are provided at a distance from the sides of the body part, and wherein adjacent the projections, at the underside of the body part, sliding surfaces are located which, with sliding faces located on sides facing away from each other of the projections, each form a longitudinal guide with substantially L-shaped cross-section, and wherein the hinge pins extend substantially over the width of the modules.
9. An assembly according to claim 8, wherein the sliding surfaces at the sides facing each other of the projections extend substantially transversely to the underside of the body part.
10. An assembly according to any one of the preceding claims, wherein the sliding surfaces at the sides facing each other of the projections converge away from the body part.
- 25 11. An assembly according to any one of the preceding claims, wherein on the sides facing each other of the projections, the modules of the conveyor chain are provided with insert pieces forming the sliding faces.